CCR Workshop 3:
Water System Data Questions

6/10/99

KEY

1. Bacteriological Monitoring Results

1a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

A: NPDWR for failure to monitor in July, August and Sept and reporting the highest number of positive samples in a month for 5 samples in February.

1b. In what format would the data be presented, if applicable?

A: Table format with the MCL, MCLG, highest number reported in a month and an indiction that a violation occurred.

	MCL	MCLG	Highest Number Reported in a Month	Violation?	Typical Source
Total Coliforms	No more than one sample per month is positive	zero	5	yes	add text

1c. What, if any, additional information is required due to the monitoring results.

A: An MCL violation for total coliforms occurred in February and this would trigger the mandatory health effects language. Typical sources of the contaminant must also be included. In addition, the failure to monitor violation must be noted.

2. Organic Chemical Contaminant Data

2a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

A: Picloram was detected and must be reported.

2b. In what format would the data be presented, if applicable?

A: Must be in the detected contaminants table and converted to CCR units. Data entry into the table must include the average of the two samples reported as the level detected, the MCL in CCR units, the MCLG, range and typical sources.

Contaminant	MCL	MCLG	Level Found	Range of Detections	Sample Date	Violation?	Typical Source *
Picloram (ppb)	500	500	0.070	0.072 - 0.068	na	no	*add text*

** for purposes of this workshop, "add text" indicates the appropriate language must be included.*

2c. What, if any, additional information is required due to the monitoring results.

A: Since there was no MCL violation the health effects information is not required.

3. Inorganic Chemical Contaminant Data

3a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

A: Barium, nitrate, fluoride, arsenic and antimony must be included.

3b. In what format would the data be presented, if applicable?

A: Data for all detected contaminants noted in 3a must be in the detected contaminants table and converted to CCR units. Data entry into the table must include the level detected, the MCL in CCR units, the MCLG, range and typical sources.

Contaminant	MCL	MCLG	Level Found	Range of Detections	Sample Date	Violation?	Typical Source *
Barium (ppm)	2	2	0.2	n/a	n/a	no	*add text*
Arsenic (ppb)	50	n/a	25	n/a	n/a	no	*add text*

Nitrate (ppm)	10	10	0.08	n/a	n/a	no	*add text*
Antimony (ppb)	6	6	7	n/a	n/a	YES	*add text*
Fluoride (ppm)	4	4	3.31	n/a	n/a	no	*add text*

** for purposes of this workshop, "add text" indicates the appropriate language must be included.*

3c. What, if any, additional information is required due to the monitoring results?

A: Antimony exceeds the MCL so the health effects and violation information must be included.

4. Lead and Copper Rule Compliance

4a. Given the data provided, indicate what, if any data must be reported in the system's CCR?

A: Report the action levels for Pb and Cu and the level detected.

4b. In what format would the data be presented, if applicable?

Contaminant	AL	MCLG	Level Found	# of sites above the Action Level	Violation?	Typical Source
Lead (ppb)	15	0	6	0 of 5	no	*add text*
Copper (ppm)	1.3	1.3	0.22	0 of 5	no	*add text*

4c. What, if any, additional information is required due to the monitoring results?

A: None

5. Treatment Technique Violations and other violations of NPDWRs

5a. Given the data provided, indicate what, if any additional information regarding violations of NPDWR must be reported in the system's CCR?

A: Failure to monitor for Total Coliforms as noted in item 1c. Also, since fluoride exceededthe secondary MCL of 2 ppm, Public notice would have been given at the time of the violation but is not required for the CCR since it is not a NPDWR.

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